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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

Complet if Known						
Application Number	10/088,778					
Filing Date	3/20/2002					
First Named Inventor	Crouch					
Art Unit						
Examiner Name						
Attorney Docket Number	ARD106USA					

U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No. 1 Number - Kind Code <sup>2</sup> (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
35	us- 4,949,406	08/21/1990	Canelli				
-}-	us- 5,578,459	11/26/1996	Gordon et al.				
	us- 5,043,082	08/27/1991	Hermann, Jr. et al.				
	us- 4,439,319	03/27/1984	Rock				
	us- 4,599,170	07/08/1986	Friedman et al.				
37	US- 1,950,817	03/13/1934	Rossman				
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FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.1	Foreign Patent Document  Country Code 3 - Number 4 - Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6		
JE		EP 0 458 622 A2	11/27/1991	Barringer Technologies				
1		DE 44 34 544 C1	04/18/1996	Hartmann		<u> </u>		
		GB 2,280,859 A	02/15/1995	A-Dec Inc.				
		GB 2,168,615 A	06/25/1986	Whale Scientific Inc				
		GB 263,647	01/06/1927	Thomson				
04		GB 734,203	07/27/1955	Brace				
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Examiner Signature Date Considered 19/3/03

\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.